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(54) POWER SUPPLY DEVICE TO MOVABLE PART

(57) Abstract:

PURPOSE: To provide a power supply device to a movable part, where a permanent magnet is provided on the side of the movable part so as to prevent the meandering of a flat cable.

CONSTITUTION: When a movable part 3 reciprocates on the slide guide 13 of a guide case 4, a cable assembly 9, where a magnetic thin plate 8 and a tape-shaped guide 22 are put on a flat cable 5 shifting, accompanying the movable part 3, shifts, being sucked at all times by the magnetic force of a permanent magnet plate 7 on the guide face 20 of a slide cover 13, on the side of the movable part 3.

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